Author Index of Volume 479

Adams, H., 237
Andrijewski, G., 199
Anisimov, A.V., 197
Arce, A.J., 159
Arrojo, P., 159

Bachman, R.E., 31
Bailey, N.A., 237
Beck, W., 217, 221, 227
Belay, M., C21
Binger, P., C28
Bohra, R., 87
Bond, A.H., 73
Burkey, D.J., 135
Burman, J.A., 135

Castan, P., 153
Chang, R.T., 47
Cheung, O.K., 47
Corrigan, W., 103
Coville, N.J., 1
Cunningham, D., 103

Daran, J.C., 109
Dartiguenave, M., 55
Dartiguenave, Y., 55
Deeming, A.J., 159
De Sanctis, Y., 159
Desmet, M., C12
Deydier, E., 55
Di Guan, Y., C1
Dolgushin, F.M., C25

Edelmann, F.T., C21
Egorov, A.M., 197
ElAmouri, H., C18
El Mouatassim, B., C18

Fernández, J.J., 37

Gayoso, M., 37
Gibson, V.C., 207
Gilbert, T.M., 73
Glaser, G., C28
Gobetto, R., 207
Görlitz, F.H., 171
Gouygou, M., 109
Gspaltl, P., 165

Hanusa, T.P., 135
Harris, R.K., 207
Hassler, K., 193
Hays, M.L., 135
Heim, B., 109
Hemling, H., 171
Hengge, E., 165, 187
Hey-Hawkins, E., 125
Higgins, T., 103

Immirzi, A., C9

Jain, V.K., 87
Jaouen, G., C18
Jeannin, Y., 109
Just, O., 171

Katzenbeisser, U., 193
King, P.J., 237
Kjelsberg, M.A., 47
Kogdov, K.V., 59
Kotyński, A., 199
Kruger, G.J., C12
Kudzin, Z.H., 199
Kurz, S., 125

Labiad, B., 153
Langdale-Brown, C., 207
Lee, T.-Y., 47
Lippmann, E., 221

Manning, A.R., 103
Manole, O.S., 59
Márquez, M., 159
Mayr, A., 47
McArdle, P., 103
McDermott, G.A., 47
Menu, M.-J., 55
Milke, J., 221
Mingos, D.M.P., C16
Missling, C., 227
Möhring, P.C., 1

Nikol'skii, A.B., 59

Ortigueira, J.M., 37
Osintseva, S.V., C25

Patel, R.P., 87
Pathak, D.D., 237
Pellecchia, C., C9
Pereira, T., 37
Perera, S.D., 117
Pétillon, F.Y., 93
Petrovskii, P.V., C25

Quénec'h, P., 93

Raubenheimer, H.G., C12
Reiter, B., 193
Robl, C., 227
Rodríguez, C., 37
Rogers, R.D., 73
Ruíz, J., C6
Rumin, R., 93
Rybin, L.V., C25
Rybinskaya, M.I., C25

Salmain, M., C18
Schumann, H., 171
Seuß, T.D., 171
Shaw, B.L., 117
Siegl, H., 187
Siemeling, U., 207
Singhal, A., 87
Spielberger, A., 165
Stadelmann, B., 187
Starova, G.L., 59
Struchkov, Y.T., 59
Struchkov, Yu.T., C25
Sünkel, K., 221

Tanner, P.S., 135
Toerien, J.G., C12
Torres, M.L., 37
Trzeciak, A.M., 213
Tunik, S.P., 59

Van Engen, D., 47
Vila, J.M., 37
Villemin, D., 153
Vlasov, A.V., 59
Vyas, A., 87

Weimann, R., 171
Westerhausen, M., 141
White, C., 237
Whitmire, K.H., 31
Wieser, M., 227
Wimmer, F.L., 153
Wimmer, S., 153

Yanovsky, A.I., C25
Yau, J., C16

Zambelli, A., C9
Zapata, A.J., C6
Zhou, Y., 217
Zhu, Z.G., C1
Ziółkowski, J.J., 213
Zou, J.W., C1

Subject Index of Volume 479

Acidity
1-Aminoalkanediphosphonic acids. Synthesis and acidic properties (Z.H. Kudzin, A. Kotyński and G. Andrijewski), 199

Alkylidyne
Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters $[Co_4Cp_2(CO)_{5-n}L_n(RC_2R')]$ (L = PPh_2H; n = 0, 1 or 2) (R = R′ = CF_3, C_6F_5, C_6H_5 or Me; R = H, R′ = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93

Alkylidyne complexes
Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne–carbonyl coupling (A. Mayr, R.T. Chang, T.-Y. Lee, O.K. Cheung, M.A. Kjelsberg, G.A. McDermott and D. Van Engen), 47

Alkyne
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters $[Co_4Cp_2(CO)_{5-n}L_n(RC_2R')]$ (L = PPh_2H; n = 0, 1 or 2) (R = R′ = CF_3, C_6F_5, C_6H_5 or Me; R = H, R′ = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93

Alkynes
Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55

Amino acids
1-Aminoalkanediphosphonic acids. Synthesis and acidic properties (Z.H. Kudzin, A. Kotyński and G. Andrijewski), 199

Aminoalkanephosphonic acids
1-Aminoalkanediphosphonic acids. Synthesis and acidic properties (Z.H. Kudzin, A. Kotyński and G. Andrijewski), 199

Arene
Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of $[(C_5Me_5)Zr(CH_2CHMeCH_2Ph)(CH_2Ph)][B(CH_2Ph)(C_6F_5)_3]$ (C. Pellecchia, A. Immirzi and A. Zambelli), C9
Structures of a series of $[4\text{-}R\text{-}C_6H_4\text{-}CH(OR')_2]Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73

5-Aryl complexes
2,4,6-Tris(trifluormethyl)phenyl und 2,4,6-Tris(trifluormethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen (M. Belay und F.T. Edelmann), C21

Azine
Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)\text{=}N\text{–}N\text{=}CH(C_6H_4X\text{-}2)$ (X = I, Br or Cl) involving facile C–X bond fission at tungsten(0) (S.D. Perera and B.L. Shaw), 117

Benzonitrile
Synthesis and applications of $[Au(NCPh)_2][BF_4]$, a versatile labile intermediate for gold(I) chemistry (D.M.P. Mingos and J. Yau), C16

BINAP
An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of $[Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}]^+CF_3SO_3^-$ and $Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}I$ (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237

Bis(trimethylsilyl)phosphide
Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt (M. Westerhausen), 141

π-Bonding
Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of $[(C_5Me_5)Zr(CH_2CHMeCH_2Ph)(CH_2Ph)][B(CH_2Ph)(C_6F_5)_3]$ (C. Pellecchia, A. Immirzi and A. Zambelli), C9

Bridging ligand
Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227

Bromides
Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6

Bypiridine
Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Cadmium
Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer Bis- und Tris[3-(dialkylamino)propyl]gallium- und -indium-Derivate (H. Schumann, T.D. Seuß, O. Just, R. Weimann, H. Hemling und F.H. Görlitz), 171

Carbene
Carbene complexes of Fe^{II} prepared from a precursor complex containing a remote nucleophilic heteroatom (J.G. Toerien, M. Desmet, G.J. Kruger and H.G. Raubenheimer), C12

Carbonyl
Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217
Molecular and crystal structure of $[Et_4N][Cl]\cdot 2[Fe_2(CO)_6Te_2]$ (R.E. Bachman and K.H. Whitmire), 31
Oxidative addition reactions of 2,2′-bithiophene and 2,2′:5′,2″-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159

Structures of a series of [4-R-C_6H_4-$CH(OR')_2$]$Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73

Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59

The structures of two [Fe(η^4-C_7H_8)$(CO)_2$(L)] complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103

Carboxylic acid derivatives

Synthesis of the new organometallic carboxylic acid complexes [(η^5-C_5H_4COOH)$M(CO)_n$Me] (M = Mo, n = 3; M = Fe, n = 2). and their potential as bioconjugates (B. El Mouatassim, H. ElAmouri, M. Salmain and G. Jaouen), C18

Catalysis

Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6

Chalcogenide

Molecular and crystal structure of $[Et_4N][Cl]\cdot 2[Fe_2(CO)_6Te_2]$ (R.E. Bachman and K.H. Whitmire), 31

Chromium

Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227

Structures of a series of [4-R-C_6H_4-$CH(OR')_2$]$Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73

Cluster

Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59

Cobalt

2,4,6-Tris(trifluormethyl)phenyl und 2,4,6-Tris(trifluormethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen (M. Belay und F.T. Edelmann), C21

Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187

Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters $[Co_4Cp_2(CO)_{5-n}L_n(RC_2R')]$ (L = PPh_2H; n = 0, 1 or 2) (R = R' = CF_3, C_6F_5, C_6H_5 or Me; R = H, R' = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93

Coupling

Niobium–phosphorus coupling constants (V.C. Gibson, R. Gobetto, R.K. Harris, C. Langdale-Brown and U. Siemeling), 207

Coupling reaction

Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6

Coupling reactions

Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne–carbonyl coupling (A. Mayr, R.T. Chang, T.-Y. Lee, O.K. Cheung, M.A. Kjelsberg, G.A. McDermott and D. Van Engen), 47

Crystal structure

An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of [Ru(η^5-C_5H_5)\{(*R*)-(BINAP)\}]$^+CF_3SO_3^-$ and Ru(η^5-C_5H_5)\{(*R*)-(BINAP)\}I (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237

Carbene complexes of Fe^{II} prepared from a precursor complex containing a remote nucleophilic heteroatom (J.G. Toerien, M. Desmet, G.J. Kruger and H.G. Raubenheimer), C12

Structures of a series of [4-R-C_6H_4-$CH(OR')_2$]$Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73

Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2\overline{Ir}-\overline{C(O)CH=C(OEt)O}$ (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221

Synthesis and characterization of chloro/pyrazolato bridged binuclear organoplatinum(II) complexes: Single crystal structure of $[Pt_2Ph_2(\mu\text{-}Cl)(\mu\text{-}pz)(PMe_2Ph)_2]$ (A. Singhal, V.K. Jain, R.P. Patel, A. Vyas and R. Bohra), 87

The structures of two [Fe(η^4-C_7H_8)$(CO)_2$(L)] complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103

Cyclisation

A convenient synthesis of pentaphosphorus analogues of ferrocene [Fe(η^5-$P_2C_3R_3$)(η^5-$P_3C_2R_2$)] (P. Binger and G. Glaser), C28

Cyclometallation

Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)$=N–N=CH(C_6H_4X-2) (X = I, Br or Cl) involving facile C–X bond fission at tungsten(0) (S.D. Perera and B.L. Shaw), 117

Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37

Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Cyclooligomerisation

A convenient synthesis of pentaphosphorus analogues of ferrocene [Fe(η^5-$P_2C_3R_3$)(η^5-$P_3C_2R_2$)] (P. Binger and G. Glaser), C28

Cyclopentadienes

Synthesis and structural characterization of Hexa(cyclohexyl)ferrocene, $[1,2,4\text{-}(C_6H_{11})_3C_5H_2]_2Fe$ (J.A. Burman, M.L. Hays, D.J. Burkey, P.S. Tanner and T.P. Hanusa), 135

Cyclopentadienyl

An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of [Ru(η^5-C_5H_5)\{(*R*)-(BINAP)\}]$^+CF_3SO_3^-$ and Ru(η^5-C_5H_5)\{(*R*)-(BINAP)\}I (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237

Homogeneous Group 4 metallocene Ziegler–Natta catalysts: the influence of cyclopentadienyl-ring substituents (P.C. Möhring and N.J. Coville), 1

Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217

Cyclopentadienyl derivatives

Synthesis of the new organometallic carboxylic acid complexes [(η^5-C_5H_4COOH)$M(CO)_n$Me] (M = Mo, n = 3; M = Fe, n = 2). and their potential as bioconjugates (B. El Mouatassim, H. ElAmouri, M. Salmain and G. Jaouen), C18

Cyclosilane
Mehrcyclische Ringsysteme mit Cyclopentasilanen (E. Hengge, P. Gspaltl und A. Spielberger), 165

Diazoalkanes
Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55
Dicarbene
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Diene
The structures of two $[Fe(\eta^4\text{-}C_7H_8)(CO)_2(L)]$ complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103

Enolate
Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2\overline{Ir\text{–}C(O)CH\text{=}C(OEt)O}$ (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221

Ferrocenes
Synthesis and structural characterization of Hexa(cyclohexyl)ferrocene, $[1,2,4\text{-}(C_6H_{11})_3C_5H_2]_2Fe$ (J.A. Burman, M.L. Hays, D.J. Burkey, P.S. Tanner and T.P. Hanusa), 135

Gallium
Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer Bis- und Tris[3-(dialkylamino)propyl]gallium- und -indium-Derivate (H. Schumann, T.D. Seuß, O. Just, R. Weimann, H. Hemling und F.H. Görlitz), 171
Germanium
Synthesis and reactivity of 3-(triphenylgermyl)propanoic acid (Z.G. Zhu, Y. Di Guan and J.W. Zou), C1
Gold
Synthesis and applications of $[Au(NCPh)_2][BF_4]$, a versatile labile intermediate for gold(I) chemistry (D.M.P. Mingos and J. Yau), C16
Group 4
Homogeneous Group 4 metallocene Ziegler–Natta catalysts: the influence of cyclopentadienyl-ring substituents (P.C. Möhring and N.J. Coville), 1
Group 16
Molecular and crystal structure of $[Et_4N][Cl]\cdot 2[Fe_2(CO)_6Te_2]$ (R.E. Bachman and K.H. Whitmire), 31

Halide-bridged complexes
Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37
Hydride
Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55
Hydroformylation
Rhodium complex catalyzed hydroformylation reactions of linear and cyclic mono- and diolefins (A.M. Trzeciak and J.J. Ziółkowski), 213

Indium
Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer Bis- und Tris[3-(dialkylamino)propyl]gallium- und -indium-Derivate (H. Schumann, T.D. Seuß, O. Just, R. Weimann, H. Hemling und F.H. Görlitz), 171
Infrared spectroscopy
Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37
Insertion
Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of $[(C_5Me_5)Zr(CH_2CHMeCH_2Ph)(CH_2Ph)][B(CH_2Ph)(C_6F_5)_3]$ (C. Pellecchia, A. Immirzi and A. Zambelli), C9
Iridium
Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2\overline{Ir\text{–}C(O)CH\text{=}C(OEt)O}$ (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221
Iron
Carbene complexes of Fe^{II} prepared from a precursor complex containing a remote nucleophilic heteroatom (J.G. Toerien, M. Desmet, G.J. Kruger and H.G. Raubenheimer), C12
Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217
Molecular and crystal structure of $[Et_4N][Cl]\cdot 2[Fe_2(CO)_6Te_2]$ (R.E. Bachman and K.H. Whitmire), 31
Oxidative addition reactions of 2,2′-bithiophene and 2,2′:5′,2″-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159
Synthesis and structural characterization of Hexa(cyclohexyl)ferrocene, $[1,2,4\text{-}(C_6H_{11})_3C_5H_2]_2Fe$ (J.A. Burman, M.L. Hays, D.J. Burkey, P.S. Tanner and T.P. Hanusa), 135
Synthesis of the new organometallic carboxylic acid complexes $[(\eta^5\text{-}C_5H_4COOH)M(CO)_nMe]$ (M = Mo, n = 3; M = Fe, n = 2). and their potential as bioconjugates (B. El Mouatassim, H. ElAmouri, M. Salmain and G. Jaouen), C18
The structures of two $[Fe(\eta^4\text{-}C_7H_8)(CO)_2(L)]$ complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103
Isocyanide
The structures of two $[Fe(\eta^4\text{-}C_7H_8)(CO)_2(L)]$ complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103
Isomerism
Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59

Ketenyl
Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne–carbonyl coupling (A. Mayr, R.T. Chang,

T.-Y. Lee, O.K. Cheung, M.A. Kjelsberg, G.A. McDermott and D. Van Engen), 47

Magic-angle spinning
Niobium–phosphorus coupling constants (V.C. Gibson, R. Gobetto, R.K. Harris, C. Langdale-Brown and U. Siemeling), 207

Magnesium
Optical activity retention in the reaction of magnesium with (+)-R-1-chloro-1-phenylethane (A.M. Egorov and A.V. Anisimov), 197

Mercury
Mehrcyclische Ringsysteme mit Cyclopentasilanen (E. Hengge, P. Gspaltl und A. Spielberger), 165

Metal carbonyl cations
Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227

Metal clusters
Molecular and crystal structure of $[Et_4N][Cl] \cdot 2[Fe_2(CO)_6Te_2]$ (R.E. Bachman and K.H. Whitmire), 31

Metallacycle
Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2Ir–C(O)CH=C(OEt)O$ (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221

Metallocenes
Synthesis and structural characterization of Hexa(cyclohexyl)ferrocene, $[1,2,4\text{-}(C_6H_{11})_3C_5H_2]_2Fe$ (J.A. Burman, M.L. Hays, D.J. Burkey, P.S. Tanner and T.P. Hanusa), 135

Microwave heating
Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Molecular structure
Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt (M. Westerhausen), 141

Molybdenum
Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187
Synthesis of the new organometallic carboxylic acid complexes $[(\eta^5\text{-}C_5H_4COOH)M(CO)_nMe]$ (M = Mo, $n = 3$; M = Fe, $n = 2$). and their potential as bioconjugates (B. El Mouatassim, H. ElAmouri, M. Salmain and G. Jaouen), C18

Nickel
2,4,6-Tris(trifluormethyl)phenyl und 2,4,6-Tris(trifluormethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen (M. Belay und F.T. Edelmann), C21

Niobium
Niobium–phosphorus coupling constants (V.C. Gibson, R. Gobetto, R.K. Harris, C. Langdale-Brown and U. Siemeling), 207

Nitrile
Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227

NMR parameter
Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt (M. Westerhausen), 141

Nonafluoromesityl
2,4,6-Tris(trifluormethyl)phenyl und 2,4,6-Tris(trifluormethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen (M. Belay und F.T. Edelmann), C21

Nuclear magnetic resonance
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Niobium–phosphorus coupling constants (V.C. Gibson, R. Gobetto, R.K. Harris, C. Langdale-Brown and U. Siemeling), 207
Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37
Structures of a series of $[4\text{-}R\text{–}C_6H_4\text{–}CH(OR')_2]Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73
Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59

Olefins
Rhodium complex catalyzed hydroformylation reactions of linear and cyclic mono- and diolefins (A.M. Trzeciak and J.J. Ziółkowski), 213

Optical activity
Optical activity retention in the reaction of magnesium with (+)-R-1-chloro-1-phenylethane (A.M. Egorov and A.V. Anisimov), 197

Organogermanium
Synthesis and reactivity of 3-(triphenylgermyl)propanoic acid (Z.G. Zhu, Y. Di Guan and J.W. Zou), C1

Osmium
Oxidative addition reactions of 2,2′-bithiophene and 2,2′:5′,2″-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159

Oxidative addition
Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)=N–N=CH(C_6H_4X\text{-}2)$ (X = I, Br or Cl) involving facile C–X bond fission at tungsten(0) (S.D. Perera and B.L. Shaw), 117
Oxidative addition reactions of 2,2′-bithiophene and 2,2′:5′,2″-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159

Palladium
Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6
Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37

Palladium (II)
Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Pentaphospha-ferrocene
A convenient synthesis of pentaphosphorus analogues of ferrocene $[Fe(\eta^5\text{-}P_2C_3R_3)(\eta^5\text{-}P_3C_2R_2)]$ (P. Binger and G. Glaser), C28

Phosphaalkynes
A convenient synthesis of pentaphosphorus analogues of ferrocene $[Fe(\eta^5\text{-}P_2C_3R_3)(\eta^5\text{-}P_3C_2R_2)]$ (P. Binger and G. Glaser), C28

Phosphine
Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)=N–N=CH(C_6H_4X\text{-}2)$ (X = I,

Br or Cl) involving facile C–X bond fission at tungsten(0) (S.D. Perera and B.L. Shaw), 117
Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55
The structures of two $[Fe(\eta^4\text{-}C_7H_8)(CO)_2(L)]$ complexes (C_7H_8 = Norbornadiene; L = CNMe or PPh_3) (D. Cunningham, T. Higgins, P. McArdle, W. Corrigan and A.R. Manning), 103

Phosphines
Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne–carbonyl coupling (A. Mayr, R.T. Chang, T.-Y. Lee, O.K. Cheung, M.A. Kjelsberg, G.A. McDermott and D. Van Engen), 47

Phosphonic acid
1-Aminoalkanediphosphonic acids. Synthesis and acidic properties (Z.H. Kudzin, A. Kotyński and G. Andrijewski), 199

Phosphorus
1-Aminoalkanediphosphonic acids. Synthesis and acidic properties (Z.H. Kudzin, A. Kotyński and G. Andrijewski), 199
Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227
Niobium–phosphorus coupling constants (V.C. Gibson, R. Gobetto, R.K. Harris, C. Langdale-Brown and U. Siemeling), 207
P–H-funktionelle Zirkonocen–Phosphido-Komplexe—Synthese von $Cp_2Zr\{PH(2,4,6\text{-}^tBu_3C_6H_2)\}(X)$ {Cp = C_5H_5, X = Cl, $PH(2,4,6\text{-}^tBu_3C_6H_2)$} und Molekülstruktur von $Cp_2Zr\{PH(2,4,6\text{-}^tBu_3C_6H_2)\}_2$ (E. Hey-Hawkins und S. Kurz), 125
Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2Ir\text{–}C(O)CH{=}C(OEt)O$ (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221

Platinum
Synthesis and characterization of chloro/pyrazolato bridged binuclear organoplatinum(II) complexes: Single crystal structure of $[Pt_2Ph_2(\mu\text{-}Cl)(\mu\text{-}pz)(PMe_2Ph)_2]$ (A. Singhal, V.K. Jain, R.P. Patel, A. Vyas and R. Bohra), 87

Platinum (II)
Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Polydentate
An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of $[Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}]^+CF_3SO_3^-$ and $Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}I$ (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237

Polynuclear
Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines (J.M. Vila, M. Gayoso, T. Pereira, C. Rodríguez, J.M. Ortigueira, J.J. Fernández and M.L. Torres), 37

Rhodium
Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55
Rhodium complex catalyzed hydroformylation reactions of linear and cyclic mono- and diolefins (A.M. Trzeciak and J.J. Ziółkowski), 213
Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59

Ruthenium
An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of $[Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}]^+CF_3SO_3^-$ and $Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-}(BINAP)\}I$ (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237
Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217
Oxidative addition reactions of 2,2′-bithiophene and 2,2′ : 5′,2″-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159
Reactions of dodecacarbonyltriruthenium with enones. Five-membered oxaruthenacycles (L.V. Rybin, S.V. Osintseva, P.V. Petrovskii, M.I. Rybinskaya, F.M. Dolgushin, A.I. Yanovsky and Yu.T. Struchkov), C25

Silane
Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187
Mehrcyclische Ringsysteme mit Cyclopentasilanen (E. Hengge, P. Gspaltl und A. Spielberger), 165

Silanes
Verbesserte Synthesen von Phenyltrisilanen (K. Hassler, U. Katzenbeisser und B. Reiter), 193

Silanyl
Mehrcyclische Ringsysteme mit Cyclopentasilanen (E. Hengge, P. Gspaltl und A. Spielberger), 165

Silicon
Cyclopentasilanderivate mit Übergangselementen (E. Hengge, H. Siegl und B. Stadelmann), 187
Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer Bis- und Tris[3-(dialkylamino)propyl]gallium- und -indium-Derivate (H. Schumann, T.D. Seuß, O. Just, R. Weimann, H. Hemling und F.H. Görlitz), 171
Mehrcyclische Ringsysteme mit Cyclopentasilanen (E. Hengge, P. Gspaltl und A. Spielberger), 165
Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt (M. Westerhausen), 141
Verbesserte Synthesen von Phenyltrisilanen (K. Hassler, U. Katzenbeisser und B. Reiter), 193

Solid-state
Solid-state cyclometallation of the 1-methyl-2,4′-bipyridinium complexes of palladium^{II} and platinum^{II} (P. Castan, B. Labiad, D. Villemin, F.L. Wimmer and S. Wimmer), 153

Solvated gold(I)
Synthesis and applications of $[Au(NCPh)_2][BF_4]$, a versatile labile intermediate for gold(I) chemistry (D.M.P. Mingos and J. Yau), C16

Strontium bis[bis(trimethylsilyl)phosphide]
Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt (M. Westerhausen), 141

Styryl bromide
Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6

Sulphur ligands
2,4,6-Tris(trifluormethyl)phenyl und 2,4,6-Tris(trifluormethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen (M. Belay und F.T. Edelmann), C21
Synthesis
A convenient synthesis of pentaphosphorus analogues of ferrocene [Fe(η^5-$P_2C_3R_3$)(η^5-$P_3C_2R_2$)] (P. Binger and G. Glaser), C28
Reaction of [(PEt_3)$_3$Rh{$C(N_2)SiMe_3$}] with terminal alkynes—synthesis of σ-alkynyl rhodium(III) complexes (E. Deydier, M.-J. Menu, M. Dartiguenave and Y. Dartiguenave), 55
Synthon for gold(I) compounds
Synthesis and applications of [Au(NCPh)$_2$][BF_4], a versatile labile intermediate for gold(I) chemistry (D.M.P. Mingos and J. Yau), C16

Tellurium
Molecular and crystal structure of [Et_4N][Cl]·2[$Fe_2(CO)_6Te_2$] (R.E. Bachman and K.H. Whitmire), 31
Tetranuclear clusters
Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters [$Co_4Cp_2(CO)_{5-n}L_n(RC_2R')$] (L = PPh_2H; n = 0, 1 or 2) (R = R' = CF_3, C_6F_5, C_6H_5 or Me; R = H, R' = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93
Thermal decomposition
Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters [$Co_4Cp_2(CO)_{5-n}L_n(RC_2R')$] (L = PPh_2H; n = 0, 1 or 2) (R = R' = CF_3, C_6F_5, C_6H_5 or Me; R = H, R' = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93
Thiazolinylidene
Carbene complexes of Fe^{II} prepared from a precursor complex containing a remote nucleophilic heteroatom (J.G. Toerien, M. Desmet, G.J. Kruger and H.G. Raubenheimer), C12
Thioglucose
Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217
Thiophene
Oxidative addition reactions of 2,2'-bithiophene and 2,2':5',2''-terthiophene with trinuclear clusters of iron, ruthenium and osmium (A.J. Arce, P. Arrojo, Y. De Sanctis, M. Márquez and A.J. Deeming), 159
Tin
Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin (A.J. Zapata and J. Ruíz), C6
Triflate
An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of [Ru(η^5-C_5H_5)((*R*)-(BINAP))]$^+$$CF_3SO_3^-$ and Ru(η^5-C_5H_5)((*R*)-(BINAP))I (D.D. Pathak, H. Adams, N.A. Bailey, P.J. King and C. White), 237
Trinuclear clusters
Reactions of di- and poly-nuclear complexes. 12. Synthesis and thermal decomposition reactions of tetranuclear clusters [$Co_4Cp_2(CO)_{5-n}L_n(RC_2R')$] (L = PPh_2H; n = 0, 1 or 2) (R = R' = CF_3, C_6F_5, C_6H_5 or Me; R = H, R' = CF_3). (P. Quénec'h, R. Rumin and F.Y. Pétillon), 93
Trisilanes
Verbesserte Synthesen von Phenyltrisilanen (K. Hassler, U. Katzenbeisser und B. Reiter), 193

Tungsten
Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)$=N–N=CH(C_6H_4X-2) (X = I, Br or Cl) involving facile C–X bond fission at tungsten(0) (S.D. Perera and B.L. Shaw), 117
Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose (Y. Zhou und W. Beck), 217
Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen (M. Wieser, C. Missling, C. Robl und W. Beck), 227
Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne–carbonyl coupling (A. Mayr, R.T. Chang, T.-Y. Lee, O.K. Cheung, M.A. Kjelsberg, G.A. McDermott and D. Van Engen), 47

X-ray diffraction
Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex [$Fe_2(CO)_7$(μ-C(R)C(NEt_2))]. Syntheses and characterizations of [$Fe_2(CO)_6(PPh_3)$(μ-C(R)C(NEt_2))] (J.C. Daran, B. Heim, M. Gouygou and Y. Jeannin), 109
Structures of a series of [4-R–C_6H_4–$CH(OR')_2$]$Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene)chromium tricarbonyl compounds (T.M. Gilbert, A.H. Bond and R.D. Rogers), 73
Synthese und Struktur eines stabilen 16-Elektronen-α-Acyl-Esterenolat-Iridium(III)-Komplexes (Cl)$(Ph_3P)_2$Ir–C(O)CH=C(OEt)O (E. Lippmann, J. Milke, K. Sünkel und W. Beck), 221
Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L = NCMe, Py, $P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}${$P(OPh_3)$}$_2$ (S.P. Tunik, A.V. Vlasov, K.V. Kogdov, G.L. Starova, A.B. Nikol'skii, O.S. Manole and Y.T. Struchkov), 59
X-ray structure
Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of [(C_5Me_5)Zr-($CH_2CHMeCH_2Ph$)(CH_2Ph)][$B(CH_2Ph)(C_6F_5)_3$] (C. Pellecchia, A. Immirzi and A. Zambelli), C9

Ziegler–Natta catalyst
Homogeneous Group 4 metallocene Ziegler–Natta catalysts: the influence of cyclopentadienyl-ring substituents (P.C. Möhring and N.J. Coville), 1
Zirconium
P–H-funktionelle Zirkonocen–Phosphido-Komplexe—Synthese von Cp_2Zr{$PH(2,4,6\text{-}^tBu_3C_6H_2)$}(X) {Cp = C_5H_5, X = Cl, $PH(2,4,6\text{-}^tBu_3C_6H_2)$} und Molekülstruktur von Cp_2Zr{$PH(2,4,6\text{-}^tBu_3C_6H_2)$}$_2$ (E. Hey-Hawkins und S. Kurz), 125
Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of [(C_5Me_5)Zr-($CH_2CHMeCH_2Ph$)(CH_2Ph)][$B(CH_2Ph)(C_6F_5)_3$] (C. Pellecchia, A. Immirzi and A. Zambelli), C9
Book Reviews
Handbook of Enantioselective Catalysis with Transition Metal Compounds, Henri Brunner and Wolfgang Zettlmeier (J.M. Brown)), C30
Gmelin Handbook of Inorganic and Organometallic Chemistry, 8th Edition, Molybdenum. Part 5, Organomolybdenum Compounds (G.J. Leigh)), C31
Gmelin Handbook of Inorganic and Organometallic Chemistry, 8th Edition, Thorium, Supplement Volume C4, Compounds with F, Cl, Br, I (G.J. Leigh)), C31